

**Commonwealth of Kentucky
Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382**

**STATE ORIGIN
AIR QUALITY PERMIT**

Permittee Name: Vulcan Construction Materials, L.P.
Mailing Address: 1200 Urban Center Drive, Birmingham, Alabama
35238-5016

is authorized to construct and operate a limestone crushing operation

Source Name: Reed Quarry
Mailing Address: Same as above
Source Location: 947 US Highway 62, Grand Rivers, Kentucky

KYEIS ID #: 21-139-00004
SIC Code: 1422

Regional Office: Paducah Regional Office
4500 Clarks River Road
Paducah, KY 42003-0823

County: Livingston

Permit Number: S-03-056
Log Number: 54145
Permit Type: Construction/Operating

Issuance Date: June 11, 2003
Expiration Date: June 11, 2013

**John S. Lyons, Director
Division for Air Quality**

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application which was determined to be complete on November 7, 2001, the Kentucky Division for Air Quality hereby authorizes the construction and operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify an affected facility without first having submitted a complete application and receiving a permit for the planned activity from the Division, except as provided in this permit or in Regulation 401 KAR 52:040, State-origin permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining other permits, licenses, or approvals that may be required by the Cabinet or other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE

REGULATIONS, AND OPERATING CONDITIONS**MAIN PLANT**

- | | | |
|-----------|---------------|--|
| 01 | (5321) | Receiving Hopper |
| 02 | (5000) | Primary Crusher (4248 Jaw)
(Maximum Rated Capacity- 1300 tons/hour) |
| 03 | (5115) | Conveyor and Transfer Points (From 60"x28" VGF Grizzly Feeder To
Conveyor 5602) |
| | (5102) | Conveyor and Transfer Points (From Surge Stockpile To Conveyor 5116) |
| 06 | (5603) | Conveyor and Transfer Points (From Screen To Riprap Stockpile) |
| | (-) | Stockpile (Riprap) |
| | (-) | Truck Loadout (Riprap) |
| | (5605) | Conveyor and Transfer Points (From Screen To Plant Feed Surge
Stockpile) |

SECONDARY PLANT

- | | | |
|-----------|---------------|---|
| 07 | (5116) | Conveyor and Transfer Points (From Conveyor 5102 and 5108 To 8'x20'
Diester Screen) |
| | (5118) | Conveyor and Transfer Points (From Diester Screen To #2 Crusher, 7'
STD Cone) |
| | (5119) | Conveyor and Transfer Points (From Diester Screen To 30" Conveyor
5117) |
| | (5202) | Conveyor and Transfer Points (From #2 Crusher To #2 Shaker 7'x14') |
| | (5110) | Conveyor and Transfer Points (#3 Horizontal From Simplicity Screen To
Conveyor 5203) |
| 09 | (5002) | Secondary Crusher (7' STD Cone)
(Maximum Rated Capacity- 900 tons/hour) |
| 10 | (5117) | Conveyor and Transfer Points (From Conveyor 5119 To Plant Stockpile) |
| | (-) | Stockpile (Product) |
| | (-) | Truck Loadout (Product) |

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

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|----|--------|---|
| 10 | (5113) | Conveyor and Transfer Points (MTL-2 30” Belt From Feed Bin Structure To Storage Bin 5413) |
| | (5316) | Feed Bin Structure |
| | (5413) | Storage Bin (MTL-2 Bin) |
| | (-) | Truck Loadout (Product From MTL-2 Bin) |
| 11 | (5036) | Screen #2 (Simplicity 7’x14’ Double Deck)
(Maximum Rated Capacity- 900 tons/hour) |

TERTIARY PLANT #3

- | | | |
|----|--------|---|
| 14 | (5203) | Conveyor and Transfer Points (#3 Bottom Belt From Omni Cone To Conveyor 5103) |
| | 5103) | Conveyor and Transfer Points (#3 Top Belt From Bottom Belt To Screen) |
| 15 | (5111) | Conveyor and Transfer Points (36" Loading Belt From Bin Structure To Storage Bin 5614) |
| | (5315) | Bin Structure (#3, #9, #11) |
| | (5614) | Storage Bin (From Bin Structure 5315) |
| | (5112) | Conveyor and Transfer Points (#9 36" Loading Belt From Bin Structure To Storage Bin 5614) |
| | (-) | Truck Loadout (Product From Storage Bin 5614) |
| 16 | (5108) | Conveyor and Transfer Points (From Feeder 5042 To Conveyor 5116) |

TERTIARY PLANT #4

- | | | |
|----|--------|--|
| 19 | (5204) | Conveyor and Transfer Points (#4 Bottom Belt From #4 Cone Crusher To Conveyor 5104) |
| | (5104) | Conveyor and Transfer Points (30" #4 Top Belt From 30"x3'6" Feeder 5212 To #4 Simplicity Screen) |
| 20 | (5034) | Screen #4 (Simplicity 6'x16' Triple Deck)
(Maximum Rated Capacity- 225 tons/hour) |

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- 21 (5004) Tertiary Crusher #4 (4 ¼' Shorthead Cone)
 (Maximum Rated Capacity- 225 tons/hour)
- 22 (5611) Conveyor and Transfer Points (From Bin Screen To Customer Trucks)
- (-) Truck Loadout (Product)

TERTIARY PLANT #5

- 23 (5205) Conveyor and Transfer Points (30" #5 Bottom Belt From #5 Cone To
 Conveyor 5105)
- (5105) Conveyor and Transfer Points (30" #5 Top Belt From 30"x3'6" Feeder
 5310 To #5 Simplicity Screen)
- 24 (5035) Screen #5 (Simplicity 6'x16' Triple Deck)
 (Maximum Rated Capacity- 225 tons/hour)
- 25 (5005) Tertiary Crusher #5 (4 ¼' Shorthead Cone)
 (Maximum Rated Capacity- 225 tons/hour)
- 26 (5613) Conveyor and Transfer Points (42" Truck Loading Conveyor)
- (-) Truck Loadout (Product)

TERTIARY PLANT #6

- 27 (5206) Conveyor and Transfer Points (24" #6 Bottom Belt From 1560 Omni Cone
 Crusher To Conveyor 5106)
- (5106) Conveyor and Transfer Points (24" #6 Top Belt From Feeder 5412 To
 6'x16' #6 Simplicity Screen)
- 29 (5317) Feed Bin Structure
- (5126) Conveyor and Transfer Points (42" Truck Loading Conveyor)
- (-) Truck Loadout (Product)

TERTIARY PLANT #7

- 31 (5207) Conveyor and Transfer Points (#7 Bottom Belt From #7 4 ¼' Shorthead
 Cone Crusher To Conveyor 5107)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- 31 (5107) Conveyor and Transfer Points (#7 Top Belt From 30"x3'6" Feeder 5307 To #4 Simplicity Screen)
- 32 (5037) Screen #7 (Simplicity 6'x16' Triple Deck)
(Maximum Rated Capacity- 225 tons/hour)
- 33 (5007) Tertiary Crusher #7 (4 1/4' Shorthead Cone)
(Maximum Rated Capacity- 225 tons/hour)
- 34 (5314) Lower End Bin Structure (#4, #5, #7)
- 35 (5136) Conveyor and Transfer Points (42" Truck Loading Belt)
- (-) Truck Loadout (Product)

STOCKPILES AND LOADOUTS

- 36 (1) Stockpile (Black 4's)
- (-) Truck Loadout (Black 4's)
- (2) Stockpile (2 1/2" Road Base)
- (-) Truck Loadout (2 1/2" Road Base)
- (3) Stockpile (BN-3's)
- (-) Truck Loadout (BN-3's)
- (4) Stockpile (90 Lbs Riprap)
- (-) Truck Loadout (90 Lbs Riprap)
- (5) Stockpile (125 Lbs Riprap)
- (-) Truck Loadout (125 Lbs Riprap)
- (6) Stockpile (4")
- (-) Truck Loadout (4")
- (7) Stockpile (White 4's)

(-) Truck Loadout (White 4's)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

36 (8) Stockpile (2 1/2" Road Base)

(-) Truck Loadout (2 1/2" Road Base)

(9) Stockpile (49 Lbs Riprap)

(-) Truck Loadout (49 Lbs Riprap)

(10) Stockpile (Black Lime)

(-) Truck Loadout (Black Lime)

(11) Stockpile (Black 7's)

(-) Truck Loadout (Black 7's)

(12) Stockpile (Black S-1)

(-) Truck Loadout (Black S-1)

(13) Stockpile (KY DGA White)

(-) Truck Loadout (KY DGA White)

(14) Stockpile (Black 8's)

(-) Truck Loadout (Black 8's)

(15) Stockpile (Black 57's)

(-) Truck Loadout (Black 57's)

(16) Stockpile (KY 610's)

(-) Truck Loadout (KY 610's)

(17) Stockpile (Modified 5's)

(-) Truck Loadout (Modified 5's)

(18) Stockpile (Black LA 610's)

(-) Truck Loadout (Black LA 610's)

(19) Stockpile (Black 11's)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

36 (-) Truck Loadout (Black 11's)

(20) Stockpile (Black KY 11's)

(-) Truck Loadout (Black KY 11's)

37 (21) Stockpile (Long 11's)

(-) Truck Loadout (Long 11's)

(22) Stockpile (White)

(-) Truck Loadout (White)

(23) Stockpile (Black 67's)

(-) Truck Loadout (Black 67's)

(24) Stockpile (Black 9M's)

(-) Truck Loadout (Black 9M's)

(25) Stockpile (White 8's)

(-) Truck Loadout (White 8's)

(26) Stockpile (Black KY 11's)

(-) Truck Loadout (Black KY 11's)

(27) Stockpile (Black 57's)

(-) Truck Loadout (Black 57's)

(28) Stockpile (1/4"x0" Lime 11's)

(-) Truck Loadout (1/4"x0" Lime 11's)

(29) Stockpile (1/4" Reservoir)

(-) Truck Loadout (1/4" Reservoir)

(30) Stockpile (White 57's)

(-) Truck Loadout (White 57's)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

37 (W-1) Stockpile (Waste Rock)

(-) Truck Loadout (Waste Rock)

(W-2) Stockpile (Waste Rock)

(-) Truck Loadout (Waste Rock)

(33) Stockpile (Black 11's)

(-) Truck Loadout (Black 11's)

(34) Stockpile (NV Surge)

(-) Truck Loadout (NV Surge)

(35) Stockpile (Black 7's)

(-) Truck Loadout (Black 7's)

RAIL SPUR YARD

38 (355) Stockpile (6" Filter Store)

(-) Truck Loadout (6" Filter Store)

(501) Stockpile (White 1/4" Clean)

(-) Truck Loadout (White 1/4" Clean)

(502) Stockpile (White 1/4" Reservoir)

(-) Truck Loadout (White 1/4" Reservoir)

(503) Stockpile (1/2"x0")

(-) Truck Loadout (1/2"x0")

(504) Stockpile (Black Washed 67's)

(-) Truck Loadout (Black Washed 67's)

(505) Stockpile (Black KY 11's)

(-) Truck Loadout (Black KY 11's)

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE
REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

38 (506) Stockpile (Black 11's)

(-) Truck Loadout (Black 11's)

(507) Stockpile (Black Lime)

(-) Truck Loadout (Black Lime)

(509) Stockpile (Black KY 11's)

(-) Truck Loadout (Black KY 11's)

(510) Stockpile (1/4" Reservoir)

(-) Truck Loadout (1/4" Reservoir)

(511) Stockpile (Lime 11's)

(-) Truck Loadout (Lime 11's)

(512) Stockpile (Tennessee 10's)

(-) Truck Loadout (Tennessee 10's)

(514) Stockpile (25 Lbs Riprap)

(-) Truck Loadout (25 Lbs Riprap)

(515) Stockpile (Tennessee 10's)

(-) Truck Loadout (Tennessee 10's)

(521) Stockpile (4")

(-) Truck Loadout (4")

(W-5) Stockpile (Waste Rock)

(-) Truck Loadout (Waste Rock)

(W-6) Stockpile (Waste Rock)

(-) Truck Loadout (Waste Rock)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**OLD DUMP YARD**

39	(151)	Stockpile (A Stone NV)
	(-)	Truck Loadout (A Stone NV)
	(400)	Stockpile (4" Concrete)
	(-)	Truck Loadout (4" Concrete)
	(401)	Stockpile (White 89's)
	(-)	Truck Loadout (White 89's)
	(402)	Stockpile (Mixed Lime)
	(-)	Truck Loadout (Mixed Lime)
	(403)	Stockpile (¾" Concrete)
	(-)	Truck Loadout (¾" Concrete)
	(404)	Stockpile (White Lime)
	(-)	Truck Loadout (White Lime)
	(405)	Stockpile (Rerun NV)
	(-)	Truck Loadout (Rerun NV)
	(406)	Stockpile (467's)
	(-)	Truck Loadout (467's)
	(407)	Stockpile (White KY 11's)
	(-)	Truck Loadout (White KY 11's)
	(408)	Stockpile (Black 89's)
	(-)	Truck Loadout (Black 89's)
	(409)	Stockpile (49 Lbs Riprap)

(-) Truck Loadout (49 Lbs Riprap)
**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE
REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

- 39 (410) Stockpile (1/4" Reservoir)
(-) Truck Loadout (1/4" Reservoir)
(411) Stockpile (LR-1's)
(-) Truck Loadout (LR-1's)
(412) Stockpile (White 8's)
(-) Truck Loadout (White 8's)
(413) Stockpile (ASTM #1 4")
(-) Truck Loadout (ASTM #1 4")
(414) Stockpile (Rerun NV)
(-) Truck Loadout (Rerun NV)
(415) Stockpile (ASTM #1 4")
(-) Truck Loadout (ASTM #1 4")
(416) Stockpile (White 67's)
(-) Truck Loadout (White 67's)
(417) Stockpile (Black KY 11's)
(-) Truck Loadout (Black KY 11's)
40 (418) Stockpile (Black KY 11's)
(-) Truck Loadout (Black KY 11's)
(419) Stockpile (Black KY 11's)
(-) Truck Loadout (Black KY 11's)
(420) Stockpile (Black KY 11's)
(-) Truck Loadout (Black KY 11's)

(421) Stockpile (Black KY 11's)
**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE
REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

- 40 (-) Truck Loadout (Black KY 11's)
(W-7) Stockpile (467's)
(-) Truck Loadout (467's)
(W-8) Stockpile (Waste Rock)
(-) Truck Loadout (Waste Rock)
(W-9) Stockpile (Waste Rock)
(-) Truck Loadout (Waste Rock)
(W-10) Stockpile (Waste Rock)
(-) Truck Loadout (Waste Rock)

HIGHWAY 453 YARD

- 41 (600) Stockpile (Lime 11's)
(-) Truck Loadout (Lime 11's)
(601) Stockpile (Mississippi DG)
(-) Truck Loadout (Mississippi DG)
(602) Stockpile (White 67's)
(-) Truck Loadout (White 67's)
(603) Stockpile (Black LA 610's)
(-) Truck Loadout (Black LA 610's)
(604) Stockpile (Black 610's)
(-) Truck Loadout (Black 610's)
(605) Stockpile (White 610's)

(-) Truck Loadout (White 610's)

(W-3) Stockpile (Waste Rock)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

41 (-) Truck Loadout (Waste Rock)

(W-4) Stockpile (Waste Rock)

(-) Truck Loadout (Waste Rock)

BOULDER YARD

42 (152) Stockpile (A Stone NV)

(-) Truck Loadout (A Stone NV)

(153) Stockpile (125 Lbs Riprap)

(-) Truck Loadout (125 Lbs Riprap)

(154) Stockpile (A Stone NV)

(-) Truck Loadout (A Stone NV)

(155) Stockpile (300 Lbs Riprap)

(-) Truck Loadout (300 Lbs Riprap)

(156) Stockpile (Chute)

(-) Truck Loadout (Chute)

ROCK DOCK YARD

43 (351) Stockpile (Mixed Area 5's)

(-) Truck Loadout (Mixed Area 5's)

(352) Stockpile (BN-3's)

(-) Truck Loadout (BN-3's)

(353) Stockpile (BN-3's)

(-) Truck Loadout (BN-3's)

(354) Stockpile (90 Lbs Riprap)

(-) Truck Loadout (90 Lbs Riprap)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

43 (355) Stockpile (Washed 7's)

(-) Truck Loadout (Washed 7's)

HAUL ROAD INTERIOR YARD

44 (101) Stockpile (SB-2'S)

(-) Truck Loadout (SB-2's)

(102) Stockpile (6's)

(-) Truck Loadout (6's)

(103) Stockpile (White 57's)

(-) Truck Loadout (White 57's)

(104) Stockpile (Black 57's)

(-) Truck Loadout (Black 57's)

(107) Stockpile (White 5's)

(-) Truck Loadout (White 5's)

BETWEEN BRIDGES YARD

45 (651) Stockpile (Black 57's)

(-) Truck Loadout (Black 57's)

(652) Stockpile (Black 7's)

(-) Truck Loadout (Black 7's)

(653) Stockpile (White 4's)

(-) Truck Loadout (White 4's)

LAKE YARD

46 (752) Stockpile (Black 57's)

(-) Truck Loadout (Black 57's)

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE
REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

46 (753) Stockpile (1/4"x0" Lime 11's)

(-) Truck Loadout (1/4"x0" Lime 11's)

(754) Stockpile (1/4" Reservoir)

(-) Truck Loadout (1/4" Reservoir)

(755) Stockpile (White 57's)

(-) Truck Loadout (White 57's)

(W-12) Stockpile (Waste Rock)

(-) Truck Loadout (Waste Rock)

(W-13) Stockpile (Waste Rock)

(-) Truck Loadout (Waste Rock)

ASPHALT PLANT

47 (773) Stockpile (8's)

(-) Truck Loadout (8's)

(774) Stockpile (7's)

(-) Truck Loadout (7's)

(776) Stockpile (1/4" Reservoir)

(-) Truck Loadout (1/4" Reservoir)

(777) Stockpile (Black 11's)

(-) Truck Loadout (Black 11's)

(778) Stockpile (White 57's)

(-) Truck Loadout (White 57's)

(779) Stockpile (White 8's)

(-) Truck Loadout (White 8's)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

48 (5280) Haul Road and Yard Area (Paved)

(5280) Haul Road and Yard Area (Unpaved)

NEW PLANT'S RIPRAP FACILITY

49 (4061) Receiving Hopper

51 (4100) Primary Crusher (44x48 Jaw Crusher)
(Maximum Rated Capacity- 1000 tons/hour)

53 (4025) Conveyor and Transfer Points (From Scalper To Riprap Stockpile)

(-) Stockpile (Riprap)

(-) Truck Loadout (Riprap)

PRIMARY PLANT (NEW PLANT)

55 (-) Portable Receiving Hopper

58 (4712) Conveyor and Transfer Points (From Screen To Surge Stockpile)

(-) Stockpile (Surge)

59 (-) Stockpile (Lime)

60 (4035) Conveyor and Transfer Points (From Tunnel To Conveyor 4024)

(4024) Conveyor and Transfer Points (From Conveyor 4035 To Conveyor 4716)

62 (-) Storage Bin

(-) Storage Bin

(-) Truck Loadout (Product)

NEW PLANT'S TERTIARY PLANT #1

- 65 (4022) Conveyor and Transfer Points (From Conveyor 4750 To East Screen 4026)
- (4023) Conveyor and Transfer Points (From Cone Crusher To Conveyor 4022)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- 66 (4026) Screen (East Simplicity 6'x16')
 (Maximum Rated Capacity- 1000 tons/hour)
- (4026) Screen (West Simplicity 6'x16')
 (Maximum Rated Capacity- 1000 tons/hour)
- 67 (4031) Tertiary Crusher (5 1/2' Nordberg Cone)
 (Maximum Rated Capacity- 550 tons/hour)
- 68 (-) Storage Bin
- (-) Truck Loadout (Product)
- (-) Storage Bin
- (-) Truck Loadout (Product)
- (-) Storage Bin
- (-) Truck Loadout (Product)

NEW PLANT'S TERTIARY PLANT #2

- 71 (-) Storage Bin
- (-) Truck Loadout (Product)
- (-) Storage Bin
- (-) Truck Loadout (Product)

NEW PLANT'S TERTIARY PLANT #3

- 76 (-) Storage Bin
- (-) Truck Loadout (Product)

- (-) Storage Bin
- (-) Truck Loadout (Product)

NEW PLANT'S TERTIARY PLANT #4

- 81 (-) Storage Bin

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- 81 (-) Truck Loadout (Product)
- (-) Storage Bin
- (-) Truck Loadout (Product)

NEW PLANT'S YARD

- 83 (301) Stockpile (4's)
- (-) Truck Loadout (4's)
- (302) Stockpile (1/4"x0" NV Lime 11's)
- (-) Truck Loadout (1/4"x0" NV Lime 11's)
- (303) Stockpile (2 1/2" Road Base)
- (-) Truck Loadout (2 1/2" Road Base)
- (304) Stockpile (NP 90 Lbs Riprap)
- (-) Truck Loadout (NP 90 Lbs Riprap)
- (305) Stockpile (Grade D)
- (-) Truck Loadout (Grade D)
- (W-1) Stockpile (Waste Rock)
- (-) Truck Loadout (Waste Rock)

PUG MILL OPERATION

- 84 (-) Stockpile (Surge)

- 85 (3506) Conveyor and Transfer Points (From Surge Stockpile To Eagle Screw Mixer 3500)
- 86 (3500) Eagle DBL Screw Mixer (36"x8/6") (Wet Process – No Emissions)
- 87 (3505) Storage Bin
- (3501) Truck Loadout (Pug Mill)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

ROCK RINSING PLANT

- 88 (8065) Receiving Hopper
- (8080) Receiving Hopper
- 90 (8053) Conveyor and Transfer Points (48" Conveyor To 8'x20' Wash Screen)
- 91 (8046) Screen (8'x20' Triple Deck Wash) (Wet Process – No Emissions)
(Maximum Rated Capacity- 1500 tons/hour)
- 92 (8054) Conveyor and Transfer Points (48" Stacker- From Screen To Barge Loadout) (Wet Process – No Emissions)
- (8076) Conveyor and Transfer Points (Sand Screw Conveyor) (Wet Process – No Emissions)
- (-) Stockpile (Washed Sand)
- (-) Truck Loadout (Washed Sand)

PORTABLE BASE PLANT

- 93 (08) Feeder Hopper
- 94 (09) Conveyor and Transfer Points (From Feeder To Conveyor 05)
- (05) Conveyor and Transfer Points (From Conveyors 09 and 06 To 6'x16' Screen 03)
- (06) Conveyor and Transfer Points (From Conveyor 07 To Conveyor 05)
- (07) Conveyor and Transfer Points (From Conveyor 11 To Conveyor 06)
- (11) Conveyor and Transfer Points (From Omni Cone To Conveyor 07)

- 95 (03) Screen (5'x16' Triple Deck)
(Maximum Rated Capacity- 900 tons/hour)
- 96 (02) Tertiary Crusher (1352 Omni Cone)
(Maximum Rated Capacity- 300 tons/hour)
- 97 (01) Conveyor and Transfer Points (From Screen To Conveyor 00)
- 98 (00) Conveyor and Transfer Points (From Conveyor 10 To DGA Stockpile)
- SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

- 98 (-) Stockpile (DGA)
- (-) Truck Loadout (DGA)

RIPRAP PLANT

- 99 (4501) Truck Dump Receiving Hopper
- (4503) Spill Hopper
- A3 (-) Stockpile (+24" Finish Product)
- (-) Truck Loadout (+24" Finish Product)
- (4518) Conveyor and Transfer Points (From Discharge Chute To -8" Stockpile)
- (-) Stockpile (-8" Finished Product)
- (-) Truck Loadout (-8" Finished Product)
- (4520) Conveyor and Transfer Points (From Conveyor 4519 To -15"+8" Stockpile)
- (-) Stockpile (-15"+8" Finished Product)
- (-) Truck Loadout (-15"+8" Finished Product)
- (4523) Conveyor and Transfer Points (From Feeder To -24"+15" Finished Product Stockpile)
- (-) Stockpile (-24"+15" Finished Product)
- (-) Truck Loadout (-24"+15" Finished Product)

STOCKPILES

A4 (800) Stockpile (125 Lbs Riprap)
(-) Truck Loadout (125 Lbs Riprap)
(802) Stockpile (1000 Lbs Riprap)
(-) Truck Loadout (1000 Lbs Riprap)
(803) Stockpile (72" Belt Riprap)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

A4 (-) Truck Loadout (72" Belt Riprap)
(805) Stockpile (8" Minus Riprap)
(-) Truck Loadout (8" Minus Riprap)
(807) Stockpile (SB-2's)
(-) Truck Loadout (SB-2's)
(809) Stockpile (A Stone Under Chute)
(-) Truck Loadout (A Stone Under Chute)
(810) Stockpile (650 Riprap)
(-) Truck Loadout (650 Riprap)
(811) Stockpile (60" Belt Riprap)
(-) Truck Loadout (60" Belt Riprap)
(812) Stockpile (SB-2's)
(-) Truck Loadout (SB-2's)

WASH PLANT

A5 (4901) Truck Dump (Receiving Hopper)
A8 (4910) Conveyor and Transfer Points (From Conveyor 4905 To Stockpile)
(-) Stockpile (Finished Product)

- (-) Truck Loadout (Finished Product)
- (4912) Conveyor and Transfer Points (From Conveyor 4911 To Railcar)
- (-) Railcar Loadout
- (-) Truck Loadout (From Storage Bin 4913)
- (4915) Conveyor and Transfer Points (From Radial Stacker 4914 To Stockpile)
- (-) Stockpile (Product)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- A8 (-) Truck Loadout (Product)
- A9 (-) Receiving Hopper
- (-) Truck Loadout

ADDITIONS TO THE PLANT

- A10 (-) Receiving Hopper (100 Ton)
- (-) Conveyor and Transfer Points (48"x60' To Railcar)

Applicable Regulations:

State Regulation 401 KAR 63:010, Fugitive emissions, applies to each of the affected facilities listed above.

1. Operating Limitations:

N/A

2. Emission Limitations:

The materials processed at each affected facility listed above shall be controlled with either wet suppression and/or enclosures so as to comply with the requirements specified in State Regulation 401 KAR 63:010, Fugitive emissions, Section 3. Standards for fugitive emissions.

Compliance Demonstration Method:

See Section C, General Condition F.1.

3. Testing Requirements:

See Section C, General Condition G.3.

4. Monitoring Requirements:

See Section C, General Condition F.1.

5. Recordkeeping Requirements:

See Section C, General Conditions B.1., B.2., and F.1.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

6. Reporting Requirements:

See Section C, General Conditions C.1, C.2, C.3., F.2., and G.2.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

MAIN PLANT

- | | | |
|-----------|---------------|---|
| 04 | (5602) | Conveyor and Transfer Points (From Primary Crusher To #1 Shaker Screen) |
| 05 | (5601) | Screen (VGF 60"x28" Grizzly)
(Maximum Rated Capacity- 1300 tons/hour) |
| | (5604) | Screen #1 (Simplicity 7'x16' Single Deck)
(Maximum Rated Capacity- 1300 tons/hour) |

SECONDARY PLANT

- | | | |
|----|--------|---|
| 08 | (5017) | Screen (Diester 8'x20' Triple Deck)
(Maximum Rated Capacity- 1300 tons/hour) |
| 12 | (5606) | Conveyor and Transfer Points (24" From 8'x20' Diester Screen To Bin 5608) |
| | (-) | Conveyor and Transfer Points (24" From Bin To #3 Crusher) |
| 13 | (5608) | Storage Bin |

TERTIARY PLANT #3

- | | | |
|----|--------|---|
| 17 | (5409) | Screen (#3E Simplicity 6'x16' Triple Deck)
(Maximum Rated Capacity- 225 tons/hour) |
| | (5408) | Screen (#3W Simplicity 6'x16' Triple Deck)
(Maximum Rated Capacity- 225 tons/hour) |
| 18 | (5607) | Tertiary Crusher #3 (1560 Omni Cone)
(Maximum Rated Capacity- 400 tons/hour) |

TERTIARY CRUSHER

28 (5406) Screen #6 (Simplicity 6'x16' Shaker)
(Maximum Rated Capacity- 225 tons/hour)

30 (5610) Tertiary Crusher #6 (1560 Omni Cone)
(Maximum Rated Capacity- 225 tons/hour)

NEW PLANT'S RIPRAP FACILITY

50 (4060) Screen (42"x24" Grizzly Feeder)
(Maximum Rated Capacity- 1000 tons/hour)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

52 (4094) Conveyor and Transfer Points (From Crusher and Feeder To 42"
Conveyor 4095)

(4095) Conveyor and Transfer Points (From Conveyor 4094 To 6'x16' Scalper
Screen)

(4097) Conveyor and Transfer Points (From 4024 Conveyor To Truck Loadout
Bin)

54 (4708) Screen (6'x16' Scalping Screen)
(Maximum Rated Capacity- 1000 tons/hour)

PRIMARY PLANT (NEW PLANT)

56 (4711) Primary Crusher (35x46 Jaw)
(Maximum Rated Capacity- 300 tons/hour)

57 (4710) Conveyor and Transfer Points (From Portable Crusher To Conveyor
4709)

(4709) Conveyor and Transfer Points (From Conveyor 4710 To Conveyor
4712)

(4715) Conveyor and Transfer Points (From Surge Stockpile to Svedala
8'x20" Screen)

61 (4721) Screen (8'x20' Scalping)
(Maximum Rated Capacity- 1200 tons/hour)

63 (4716) Conveyor and Transfer Points (From Conveyor 4024 To Conveyor
4076)

(4777) Conveyor and Transfer Points (From Triple Deck Screen To Feeder

Bin 4076)

- (4726) Conveyor and Transfer Points (From Cone Crusher To Distribution Transfer Box)
- (4731) Conveyor and Transfer Points (From Distribution Box 4728 To Distribution Box 4735)
- (4750) Conveyor and Transfer Points (From Feeder 4746 To Conveyor 4022)
- (4751) Conveyor and Transfer Points (From 30" MF Feeder 4749 To Conveyor 4078)

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- 63 (4752) Conveyor and Transfer Points (From MF Feeder 4747 To Conveyor 4071)
- (4753) Conveyor and Transfer Points (From 30" MF Feeder 4748 To Conveyor 4760)
- 64 (4725) Secondary Crusher (7' Cone)
(Maximum Rated Capacity- 700 tons/hour)

NEW PLANT'S TERTIARY PLANT #2

- 69 (4071) Conveyor and Transfer Points (From Conveyor 4752 To 8'x24' East Screen)
- (4075) Conveyor and Transfer Points (To Conveyor 4076)
- (4098) Conveyor and Transfer Points (From Storage Bin To Conveyor 4079)
- (4079) Conveyor and Transfer Points (From Conveyor 4098 To Cone Crusher)
- 70 (4086) Screen (East Simplicity 8'x24')
(Maximum Rated Capacity- 800 tons/hour)
- 72 (4757) Conveyor and Transfer Points (From Cone Crusher To Conveyor 4071)
- 73 (4759) Tertiary Crusher (5 ½' Cone)
(Maximum Rated Capacity- 400 tons/hour)

NEW PLANT'S TERTIARY PLANT #3

- 74 (4089) Tertiary Crusher (5 ½' Nordberg Cone)
(Maximum Rated Capacity- 400 tons/hour)

- | | | |
|-----------|---------------|---|
| 75 | (4087) | Screen (West Simplicity 8'x24')
(Maximum Rated Capacity- 800 tons/hour) |
| 77 | (4760) | Conveyor and Transfer Points (From Conveyors 4753 and 4761 To
West Screen) |
| | (4761) | Conveyor and Transfer Points (From Nordberg To Conveyor 4760) |

NEW PLANT'S TERTIARY PLANT #4

- 78 (4076) Conveyor and Transfer Points (To Conveyor 4077)**

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- | | | |
|----|--------|--|
| 79 | (4077) | Conveyor and Transfer Points (From Conveyor 4076 To Conveyor 4078) |
| | (4078) | Conveyor and Transfer Points (To 6'x20' Screen) |
| | (4099) | Conveyor and Transfer Points (From Nordberg To Conveyor 4078) |
| 80 | (4102) | Tertiary Crusher (4 1/4' Nordberg Cone)
(Maximum Rated Capacity- 400 tons/hour) |
| 82 | (4763) | Screen (Simplicity 6'x20' Triple Deck)
(Maximum Rated Capacity- 400 tons/hour) |

ROCK RINSING PLANT

- | | | |
|----|--------|---|
| 89 | (8072) | Conveyor and Transfer Points (60" Conveyor Feeder To Conveyor 8053) |
| | (8079) | Conveyor and Transfer Points (60" Conveyor Feeder To Conveyor 8053) |

RIPRAP PLANT

- | | | |
|-----------|---------------|--|
| A1 | (4504) | Conveyor and Transfer Points (From Feeder To Conveyor 4518) |
| | (4519) | Conveyor and Transfer Points (From Discharge Chute To 60" Conveyor) |
| | (4521) | Conveyor and Transfer Points (From Discharge Chute To 60"x12' Feeder) |
| A2 | (4506) | Screen (7'x22' Grizzly Feeder)
(Maximum Rated Capacity- 2000 tons/hour) |

- (4509) Screen (7'x24' Grizzly Feeder)
(Maximum Rated Capacity- 2500 tons/hour)**
- (4532) Screen (Simplicity 8'x18')
(Maximum Rated Capacity- 2000 tons/hour)**
- (5006) Primary Crusher (Nordberg)
(Maximum Rated Capacity- 300 tons/hour)**
- (-) Conveyor and Transfer Points**

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**WASH PLANT**

A6	(4902)	Conveyor and Transfer Points (Primary Receiver To Conveyor 4903)
	(4903)	Conveyor and Transfer Points (From Conveyor 4902 To Triple Deck Wash Screen)
	(4905)	Conveyor and Transfer Points (From Wash Screen To Conveyor 4910) (Wet Process – No Emissions)
	(4907)	Conveyor and Transfer Points (From Wash Screen To Storage Bin) (Wet Process – No Emissions)
	(4911)	Conveyor and Transfer Points (From Conveyor 4907 To Conveyor 4912)
	(4914)	Conveyor and Transfer Points (From Conveyor 4907 To Conveyor 4915)
A7	(4904)	Screen (8'x20' Wash) (Wet Process – No Emissions) (Maximum Rated Capacity- 1500 tons/hour)
	(-)	Storage Bin
	(4913)	Storage Bin

Applicable Regulations:

State Regulation 401 KAR 60:670, New nonmetallic mineral processing plants (40 CFR 60, Subpart OOO as modified by Section 2 of 401 KAR 60:670), applies to each of the affected facilities listed above.

1. Operating Limitations:

N/A

2. Emission Limitations:

a) Fugitive emissions from the two primary crushers, emission points 56 (4711) and A2 (5006); the secondary crusher, emission point 64 (4725); and the five tertiary crushers, emission points 18 (5607), 30 (5610), 73 (4759), 74 (4089), and 80 (4102), shall not exhibit greater than fifteen percent (15%) opacity, each, as specified in State Regulation 401 KAR 60:670 (40 CFR 60.672(c)).

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**2. Emission Limitations: (Continued)**

b) Fugitive emissions from the three storage bins, emission points 13 (5608) and A7 (-) and (4913); the sixteen screens, emission points 05 (5601) and (5604), 08 (5017), 17 (5409) and (5408), 28 (5406), 50 (4060), 54 (4708), 61 (4721), 70 (4086), 75 (4087), 82 (4763), A2 (4506), (4509), and (4532), and A7 (4904); and the forty conveyors and transfer points, emission points 04 (5602), 12 (5606) and (-), 52 (4094), (4095), and (4097), 57 (4710), (4709), and (4715), 63 (4716), (4777), (4726), (4731), (4750), (4751), (4752), and (4753), 69 (4071), (4075), (4098), and (4079), 72 (4757), 77 (4760) and (4761), 78 (4076), 79 (4077), (4078), and (4099), 89 (8072) and (8079), A1 (4504), (4519), and (4521), A2 (-), and A6 (4902), (4903), (4905), (4907), (4911) and (4914), shall not exhibit greater than ten percent (10%) opacity, each, as specified in State Regulation 401 KAR 60:670 (40 CFR 60.672(b)).

Compliance Demonstration Method:

In determining compliance with the opacity standards as listed above, the owner or operator shall use Method 9 and the procedures as described in 40 CFR 60.11 and 40 CFR 60.675(c), except for wet processes, which are exempt from Method 9, as specified in 40 CFR 60.675 (h)(1) and (2).

3. Testing Requirements:

N/A

4. Monitoring Requirements:

See Section C, General Condition F.1.

5. Recordkeeping Requirements:

See Section C, General Conditions B.1., B.2., and F.1.

6. Reporting Requirements:

See Section C, General Conditions C.1., C.2., C.3., and F.2.

SECTION C - GENERAL CONDITIONS

A. Administrative Requirements

1. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of Regulation 401 KAR 52:040, Section 3(1)(b) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.
2. This permit shall remain in effect for a fixed term of ten (10) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division. [401 KAR 52:040, Section 15]
3. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit. [Material incorporated by reference by 401 KAR 52:040, Section 1a, 11]
4. Pursuant to materials incorporated by reference by 401 KAR 52:040, the permit contained herein may be revised, revoked, reopened, reissued, or terminated for cause. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance shall not stay any permit condition. [Material incorporated by reference by 401 KAR 52:040, Section 1a, 4 and 5]
5. The permit does not convey property rights or exclusive privileges. [Material incorporated by reference by 401 KAR 52:040, Section 1a, 8].
6. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [401 KAR 52:040 Section 11(3)]
7. The permit shall be subject to suspension at any time the permittee fails to pay all fees within 90 days after notification as specified in State Regulation 401 KAR 50:038, Air emissions fee. Source shall submit an annual emissions certification pursuant to 401 KAR 52:040, Section 20.
8. All previously issued permits to this source at this location are hereby null and void.

SECTION C - GENERAL CONDITIONS (CONTINUED)

B. Recordkeeping Requirements

1. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of at least five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. [Material incorporated by reference by 401 KAR 52:040, Section 1b, IV. 2) and 401 KAR 52:040 Section 3(1)(f)]
2. The permittee shall perform compliance certification and recordkeeping sufficient to assure compliance with the terms and conditions of the permit. Documents, including reports, shall be certified by a responsible official pursuant to State Regulation 401 KAR 52:040, Section 21.

C. Reporting Requirements

1.
 - a. In accordance with the provisions of Regulation 401 KAR 50:055, Section 1 the permittee shall notify the Division for Air Quality's Paducah Regional Office concerning startups, shutdowns, or malfunctions as follows:
 1. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 2. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.
 - b. In accordance with the provisions of Material incorporated by reference by 401 KAR 52:040, Section 1b, V. 3), the owner or operator shall promptly report deviations from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Reporting Requirement condition 1 a) above), the probable cause of the deviation, and corrective or preventive measures taken; to the Division for Air Quality's Paducah Regional Office.
2. The permittee shall furnish information requested by the cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the permit. [Material incorporated by reference by 401 KAR 52:040, Section 1a, 6].
3. Summary reports of any monitoring required by this permit shall be submitted to the Division's Paducah Regional Office at least every six (6) months during the life of this permit. The summary reports are due January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:040, Section 21. All deviations from permit requirements shall be clearly identified in the reports.

SECTION C - GENERAL CONDITIONS (CONTINUED)

D. Inspections

1. In accordance with the requirements of 401 KAR 52:040, Section 3(1)(f) the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable

times:

- a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
- b. To access and copy any records required by the permit;
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency;
- d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

E. Emergencies/Enforcement Provisions

1. The permittee shall not use as defense in an enforcement action, the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Material incorporated by reference by 401 KAR 52:040, Section 1a, 3].
2. An emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
 - d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency and included a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
3. Emergency provisions listed in General Condition E.2 are in addition to any emergency or upset provision contained in an applicable requirement.
4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof.

SECTION C - GENERAL CONDITIONS (CONTINUED)

F. Compliance

1. Periodic testing or instrumental or non-instrumental monitoring, which may consist of record keeping, shall be performed to the extent necessary to yield reliable data for purposes of demonstration of continuing compliance with the conditions of this permit. For the purpose of demonstration of continuing compliance, the following guidelines shall be followed:

- a. Pursuant to State Regulation 401 KAR 50:055, General compliance requirements, Section 2(5), all air pollution control equipment and all pollution control measures proposed by the application in response to which this permit is issued shall be in place, properly maintained, and in operation at any time an affected facility for which the equipment and measures are designed is operated, except as provided by State Regulation 401 KAR 50:055, Section 1.
 - b. All the air pollution control systems shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers. A log shall be kept of all routine and non routine maintenance performed on each control device. Daily observations are required during daylight hours of all operations, control equipment and any visible emissions to determine whether conditions appear to be either normal or abnormal. If the operations, controls and/or emissions appear to be abnormal, the permittee must then comply with the requirements of Section C – General Conditions, C.1.b., of this permit.
 - c. A log of the monthly production rates shall be kept available at the facility. Compliance with the emission limits may be demonstrated by computer program (spread sheets), calculations or performance tests as may be specified by the Division.
2. Pursuant to 401 KAR 52:040, Section 19, the permittee shall annually complete and return a Compliance Certification Form (DEP 7007CC) to the Division's Paducah Regional Office in accordance with the following requirements:
 - a. Identification of the term or condition;
 - b. Compliance status of each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period; and
 - e. The certification shall be postmarked by January 30th of each year. Annual compliance certifications should be mailed to the following addresses:

Division for Air Quality Paducah Regional Office 4500 Clarks River Road Paducah, KY 42003-0823	Division for Air Quality Central Files 803 Schenkel Lane Frankfort, KY 40601
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3. Permit Shield - A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with all applicable requirements for:
 - a. Applicable requirements included and specifically identified in the permit; or
 - b. Non-applicable requirements expressly identified in this permit.

SECTION C - GENERAL CONDITIONS (CONTINUED)

G. New Construction Requirements:

1. Pursuant to 401 KAR 52:040, Section 12(3), unless construction is commenced on or before 18 months after the date of issue of this permit, or if construction is commenced and then stopped for any consecutive period of 18 months or more, or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon a written request, the cabinet may extend these time periods if the source shows good cause.

2. Pursuant to 401 KAR 52:040, Section 12(4)(a) and 401 KAR 59:005, General provisions, Section 3(1), within 30 days following construction commencement, within 15 days following start-up and attainment of maximum production rate, or within 15 days following the issuance date of this permit, whichever is later, the owner and/or operator of the affected facilities specified on this permit shall furnish to the Division's Paducah Regional Office, with a copy to the Division's Frankfort Central Office, the following:
 - a. Date when construction commenced, (See General Condition G.1).
 - b. Start-up date of each of the affected facilities listed on this permit.
 - c. Date when maximum production rate was achieved, (See General Condition G.3.b).
 - d. Summary reports, as referenced in Section C, C.3., of any monitoring required by this permit, for emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.
 - e. The annual compliance certification, as referenced in Section C, F.2., for an emissions unit that was still under construction or which had not commenced operation at the end of the 12-month period covered by the compliance certification, shall indicate that the unit was under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.
3.
 - a. Pursuant to 401 KAR 59:005, General provisions, Section 2(1), this permit shall allow time for the initial start-up, operation and compliance demonstration of the affected facilities listed herein. However, within 60 days after achieving the maximum production rate at which the affected facilities will be operated, but not later than 180 days after initial start-up of such facilities, the owner or operator shall demonstrate compliance to a duly authorized representative of the Division.
 - b. Pursuant to 401 KAR 59:005, General provisions, Section 3(1)(b), unless notification and justification to the contrary are received by this Division, the date of achieving the maximum production rate at which the affected facilities will be operated shall be deemed to be 30 days after initial start-up.
4. Operation of the affected facilities authorized by this permit shall not commence until compliance with applicable standards specified herein has been demonstrated in accordance with the requirements of 401 KAR 52:040, Section 12(4)(b).